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Substitute for form 1449A/PTO		Complete if Known			
		Application Number	10/064,230		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	June 22, 2002		
		First Named Inventor	Shinya TOKUNAGA		
		Art Unit	2834		
		Examiner Name	AGUIRRECHEA, JAYDI A		
Sheet	1	of	1	Attorney Docket Number	18.009-AG

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JJA JJA JJA		us- 5,246,294	09-21-1993	Coda H. T. Pan	
		us- 5,697,708	12-16-1997	Hans Leuthold, et al.	
		us- 2002/0067089 A1	06-06-2002	Yoshikazu Ichiyama	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JJA JJA JJA		JP, 6-315242, A	11-08-1994	Nidec Corporation		
		JP, 7-7886, A	01-10-1995	Nidec Corporation		
		JP, 2001-139971, A	05-22-2001	Seiko Instruments Inc., et al.		

Examiner Signature	<i>Aguirrechea</i>	Date Considered	1/8/2003
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